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AIR FORCE SCHOOL GETS SOVIET GUIDANCE

The Technical Air Force School trains technicians in all the specialized branches of aircraft maintenance. The school was organized by Soviet army officers, who trained the entire group of instructors at the school and who to this day work at their educational posts and hold a place of high esteem among their Polish colleagues and disciples.

The school, which now has clean, well lighted buildings, modern equipment, workshops, and clubrooms, was built by the officers and men themselves -- even to the most complicated instruments and pedagogical devices. The workshops -for assembly fittings, sheet metal work, forging, and carpentry -- are filled with examples of tools made by the students and staff.

In the classrooms there are all types of devices -- cross-section models, diagrams, charts -- which demonstrate clearly the west intricate mechanical processes pertaining to an aircraft engine firearms, radio, and photographic equipment. For example, two models demonstrate the motion of rocket projectiles and rocket planes. A small-scale model of a jet aircraft circles on its axis, acted upon by compressed air. Another device illustrates the principles of target sighting for bombing. A trainer cabin was constructed to save consumption of motor fuel in demonstrations of the starting of an aircraft engine. All starting operations are performed in a full-scale model cebin connected with an engine in a miniature aircraft. In starting a normal-sized engine, fuel is consumed at the rate of 300 liters per hour; the small-scale engine usesda fraction of this amount.

students include party members and nonmembers, sons of peasants, factory workers, and repatriated emigrants from France.

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